innovaphone IP6010

VoIP gateway for two ISDN PRI interfaces and platform for innovaphone PBX and Linux applications

Data sheet

Housing
Size: 210 x 184 x 32 mm
1 HE for 19” systems

Weight: 1050 g

Interfaces
4 x ISDN PRI: TE and NT mode to insert in trunk lines, „Power-off-loop“ interconnect two PRI interface in power off status, total 60 channels

1 x ISDN interface in TE and NT mode, for routing, admin, synchronizing, backup or other

2 x Ethernet: RJ 45 interface 10/100-BASE-TX (auto negotiation), Power over Ethernet (802.3af, Class 3)

Slot for Compact Flash Cards Type I

Hardware
Power supply:
Power over Ethernet (802.3af, Class 3)
Power consumption: see wiki-article „HowTo:Power Consumption“

Digital Signal Processor (DSP) for codecs up to 60 voice channels

512 MB SDRAM, 32 MB Flash

Operation temperature: 0 °C to +45 °C,
Humidity: 10% to 90%
(not condensed)
Storage temperature: -10 °C to +70 °C

innovaphone PBX
Platform for up to 3200 registrations
Conference server, up to 60 subscribers

Linux Application Platform
for additional software Unified Communications CTI, ACD and reporting

VoIP protocols
H.323 Version 5
SIP Version 2, conform RFC 3261
SIP over UDP, TCP, TLS, SIPS
RTP, SRTP, RTCP
T.38 (Fax)

Voice Codecs
G.711 A-law / µ-law,
G.729AB,
VAD, CNG,
Dynamic Jitter Buffering
Echo Compensation: G.168

Network
- PPPoE, manual or automatic connection after boot
- PPTP Tunneling up to 32 tunnels simultaneously, encoding via MPPE
- NAT, H.323-NAT
- RSTP, IEEE 802.1x
- VLAN-ID (DHCP and LLDP/MED support)
- NTP support

ISDN
- Routing VOIP-ISDN, ISDN-ISDN, VOIP-VOIP
- Automatic dial tone European and US Standard
- ENUM for H.323 and SIP protocols
- Protokolle EDSS1, QSIG, T1-CAS, E1-CAS
- Plays recorded messages deposed on CF card or on a web server

Administration
Password protected administration via web-browser, HTTPS, Kerberos Server

Log and trace files, Display of interface and connection status, Ping – connection test for Internet Protocol, Sending SNMP Traps

Save and reload config files, Boot code and firmware update via HTML upload, Automatic update via update server

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